

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: CHEN, Chin-Yuan

SERIAL NO.:

FILED: Herewith

TITLE: SPRINKLER PROVIDED WITH A BUILT-IN MECHANISM FOR DISPENSING
DETERGENT

PRELIMINARY AMENDMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In conjunction with the filing of the present application, and prior to an initial Official Action on this matter, please amend the above-identified application as follows:

Preliminary Amendment: SPECIFICATION AMENDMENTS

In Paragraph [0007], please amend the paragraph as follows:

FIG. 2 shows an exploded perspective view of a detergent dispensing mechanism of the present invention.

In Paragraphs [0015] to [0020], please amend the paragraphs as follows:

[0015] Firstly, refer to the modified examples of sprinkler with built-in mechanism for dispensing detergent, as shown in FIGS. 1-4. ~~This sprinkler includes:~~

[0016] The sprinkler includes a shunt 10 of a cylinder type with an axial hole 11 at the center. The middle section of shunt 10 is provided with a radial notch 12 connected vertically to above-mentioned axial hole 11. The base of shunt 10 is equipped with a pipe connector 13 to link existing aqueduct connector. The top center of shunt 10 is provided with a horizontal notch 112 at the outlet of axial hole 11. Both sides of this shunt 10 are vertically equipped with diversion hole A1 and diversion hole A2. The bases of both diversion holes are vertically connected to radial notch 12.

[0017] The sprinkler also has a water-control shaft 20 of a round rod shape with a rotatable radial notch 12 of shunt 10. The middle section of the rod is provided with a concave main notch 21 with its width larger than the radius of the rod, as well as an opposite water panel 22. Both of the axial sides of main notch 21 are equipped with a secondary notch B1 and a secondary notch B2. The radial positions of secondary notches B1 B2 are staggered for ~~disalignment~~, misalignment of which opposite internal edges of secondary notches B1B2 are connected to main notch 21. Along with the